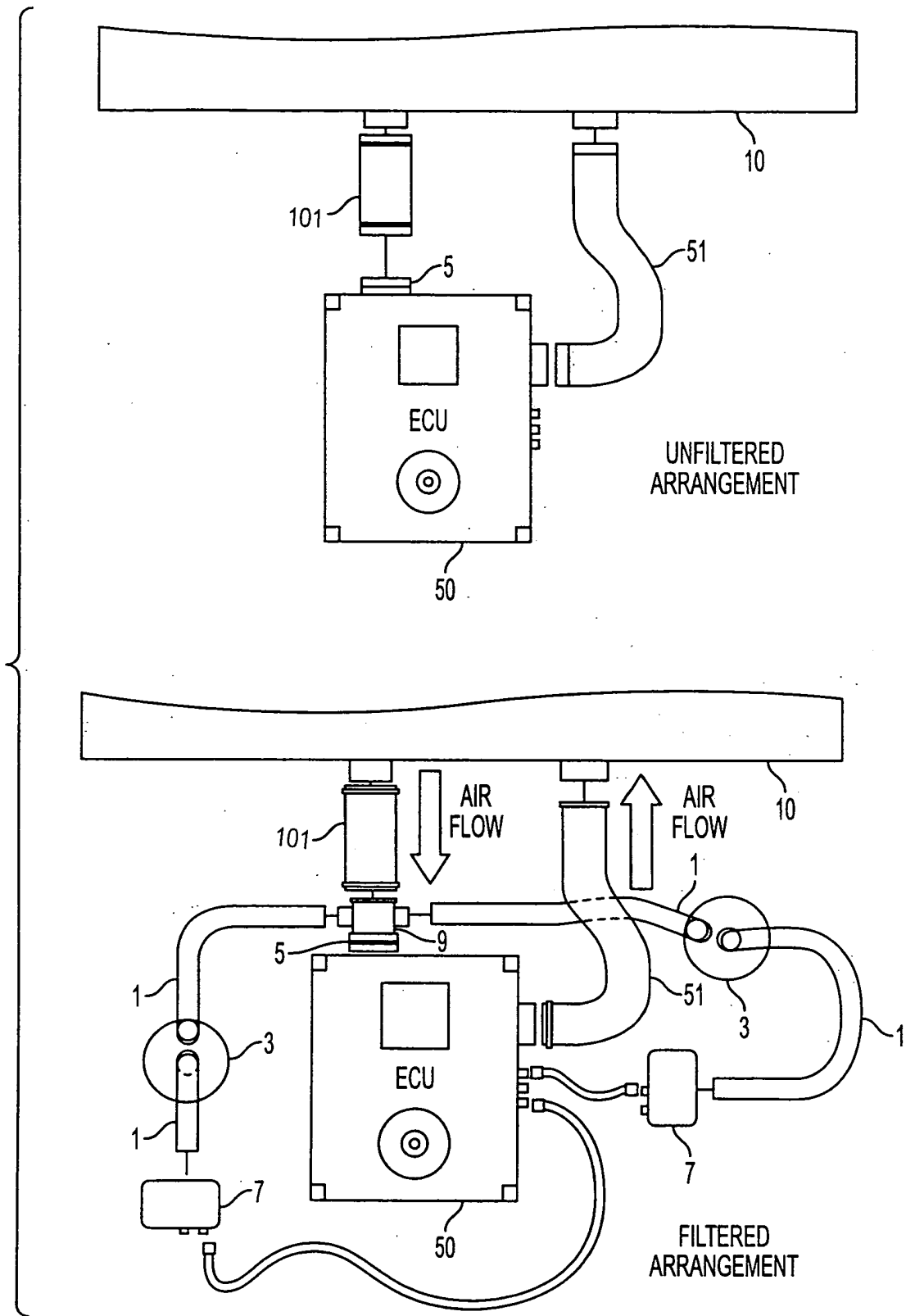


**FIG. 1A**  
PRIOR ART



**FIG. 1B**  
PRIOR ART

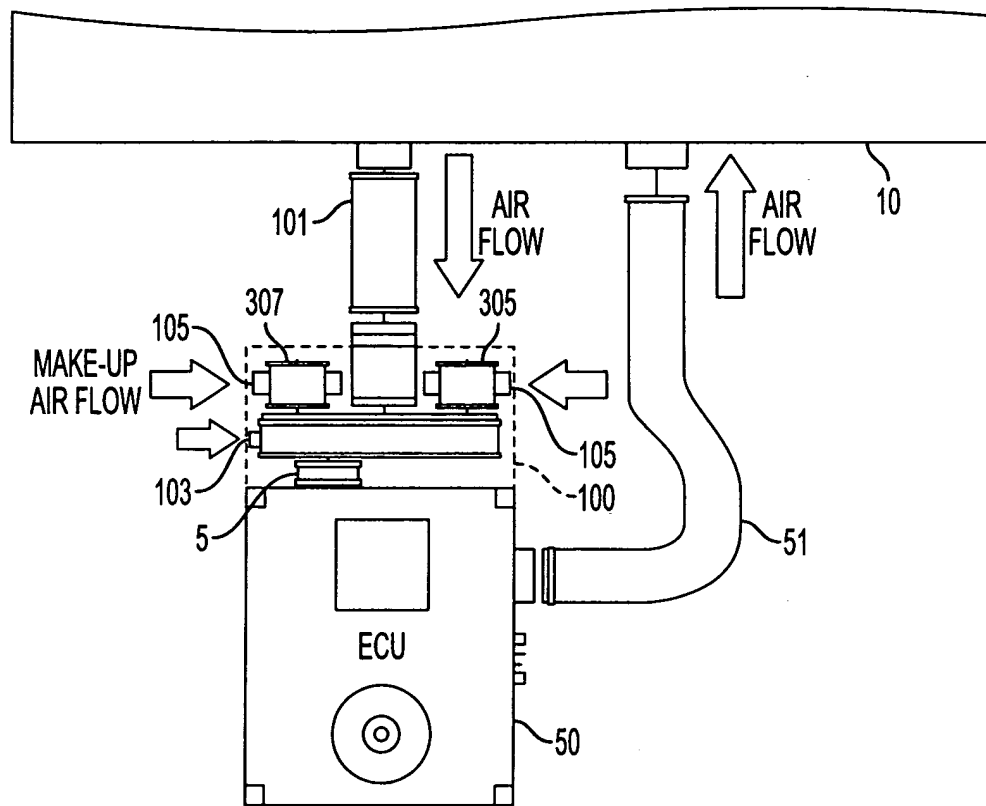


FIG. 2

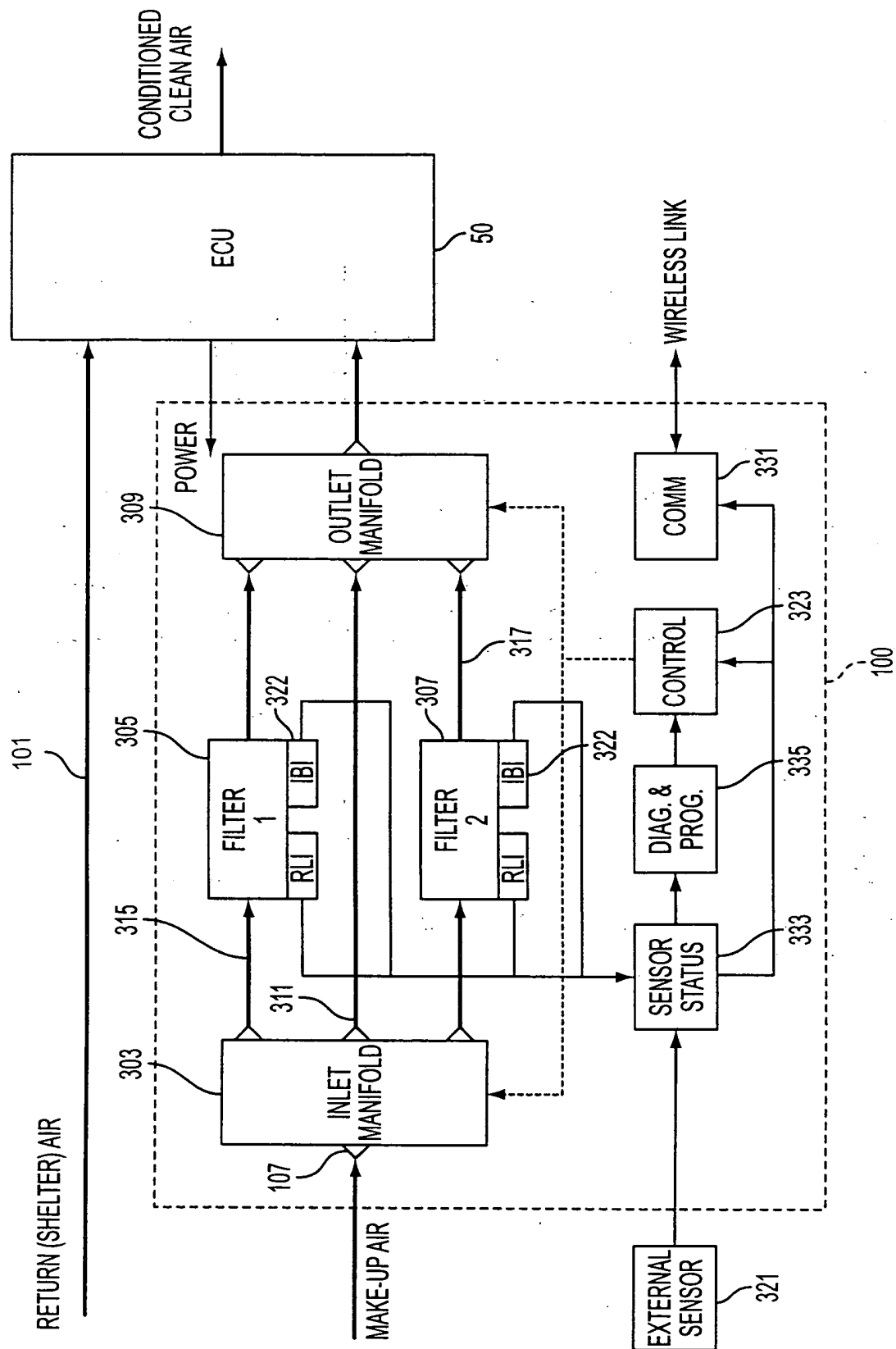


FIG. 3A

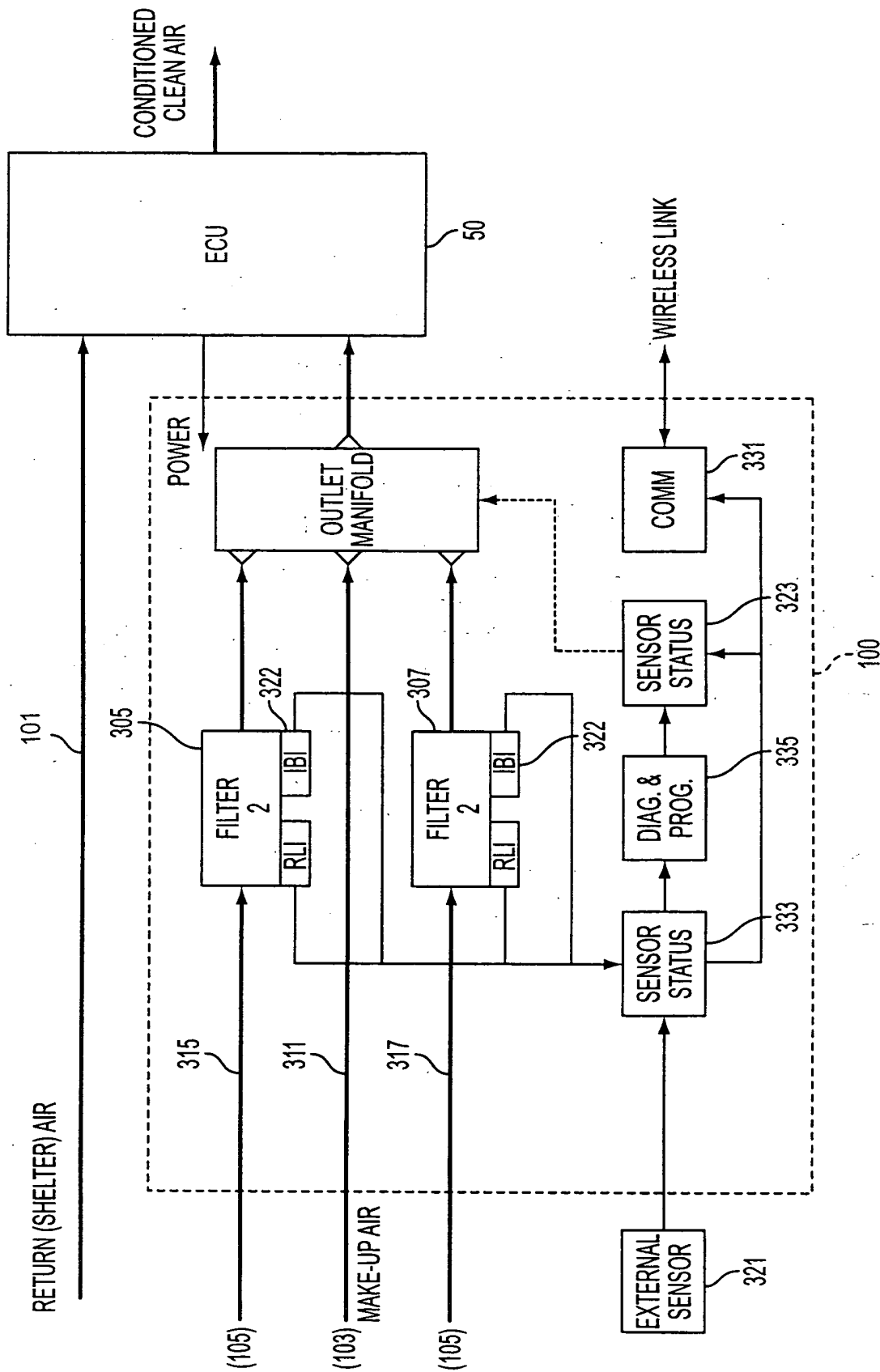
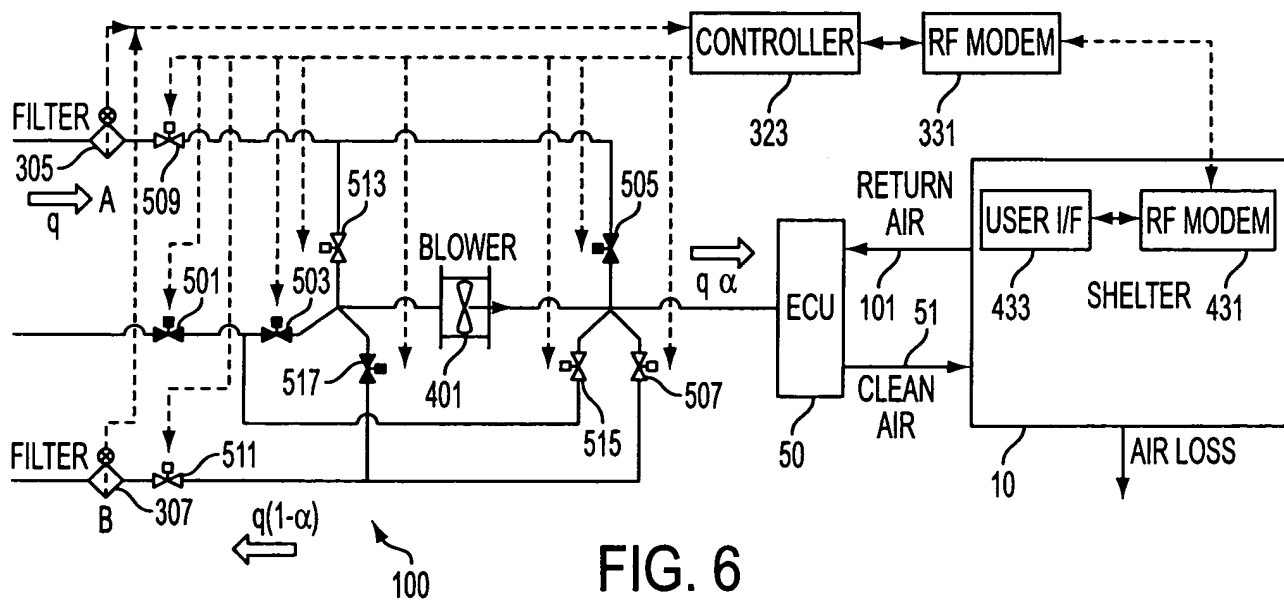
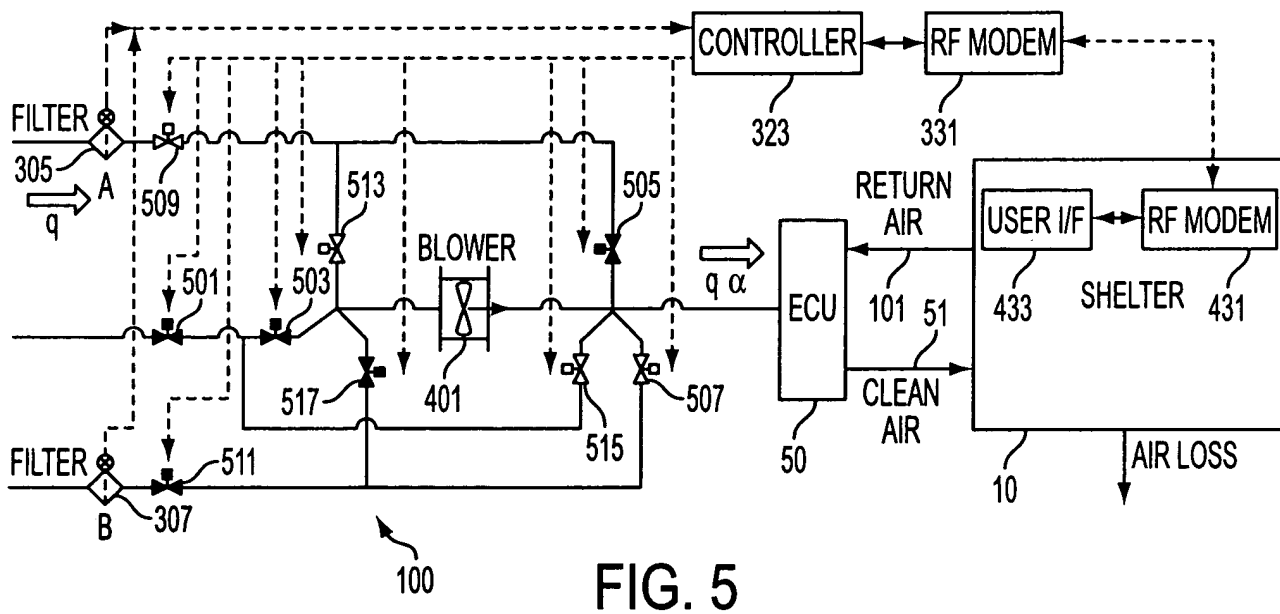
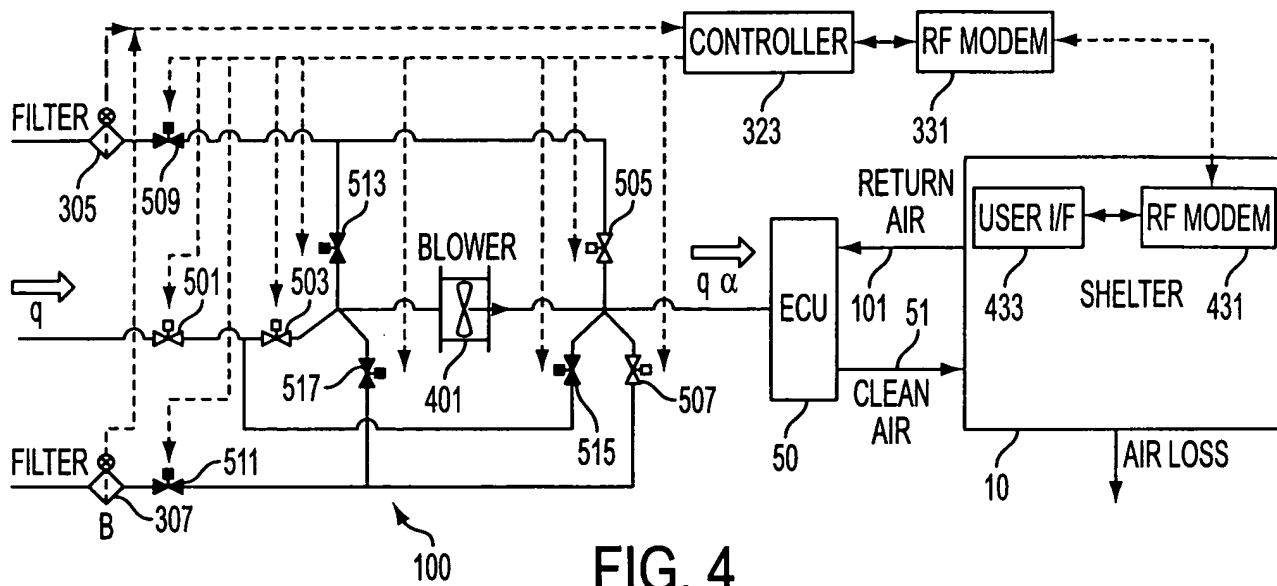


FIG. 3B



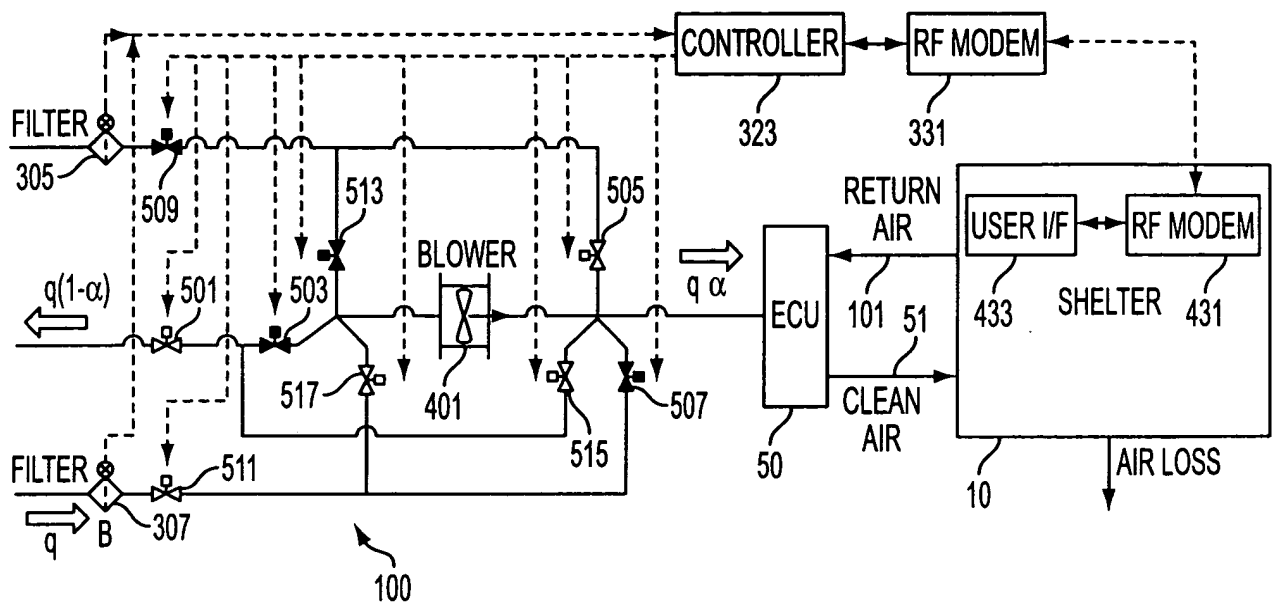


FIG. 7

MODE	VALVE									
	509	501	511	513	503	517	505	515	507	
NO CONTAMINATION	x	o	x	x	o	x	o	x	o	
CONTAMINATION, USING FILTER A	o	x	x	o	x	x	x	o	o	
CONTAMINATION, USING FILTER B	x	x	o	x	x	o	o	o	x	
CONTAMINATION, USING FILTER A, PURGE FILTER B LINE	o	x	o	o	x	x	x	o	o	
CONTAMINATION, USING FILTER B, PURGE FILTER A LINE	o	x	o	x	x	o	o	o	x	
NO CONTAMINATION, USING FILTER A, PURGE LINE	o	o	x	o	x	x	x	o	o	
NO CONTAMINATION, USING FILTER B, PURGE LINE	x	o	o	x	x	o	o	o	x	

LEGEND -

o VALVE OPEN

x VALVE CLOSED

FIG. 8

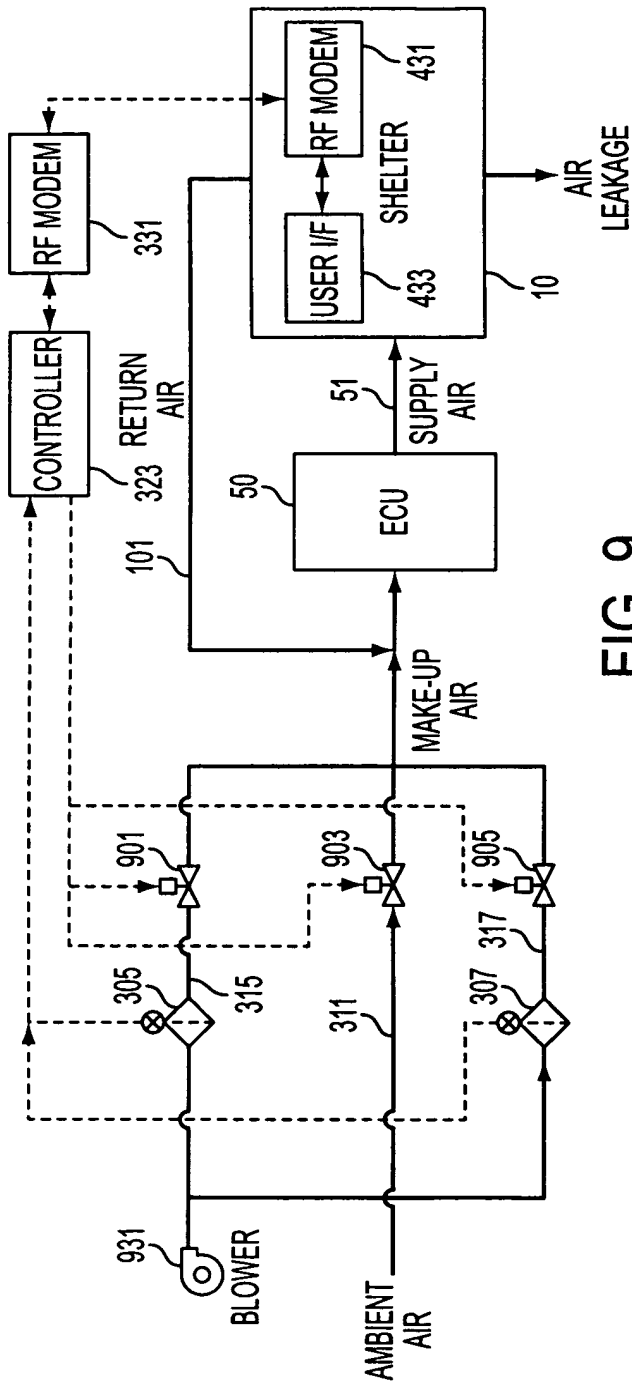


FIG. 9

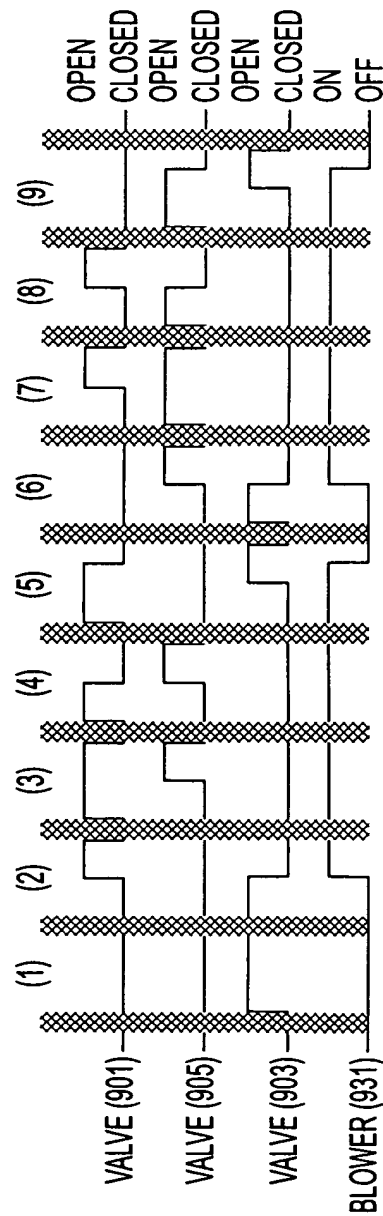


FIG. 10

OPERATIONAL MODE LEGEND

- (1) NO CONTAMINATION, BYPASS FILTERS (305) AND (307)
- (2) CONTAMINATION, USE FILTER (305)
- (3) CONT, USING FLTR (305), PURGE LINE (317)
- (4) CONT, USING FLTR (305), SWITCH FILTER
- (5) END CONT, USING FLTR (305), PURGE LINE (311)
- (6) CONTAMINATION, USE FILTER (307)
- (7) CONT, USING FLTR (307), PURGE LINE (315)
- (8) CONT, USING FLTR (307), SWITCH FILTER
- (9) END CONT, USING FLTR (307), PURGE LINE (311)



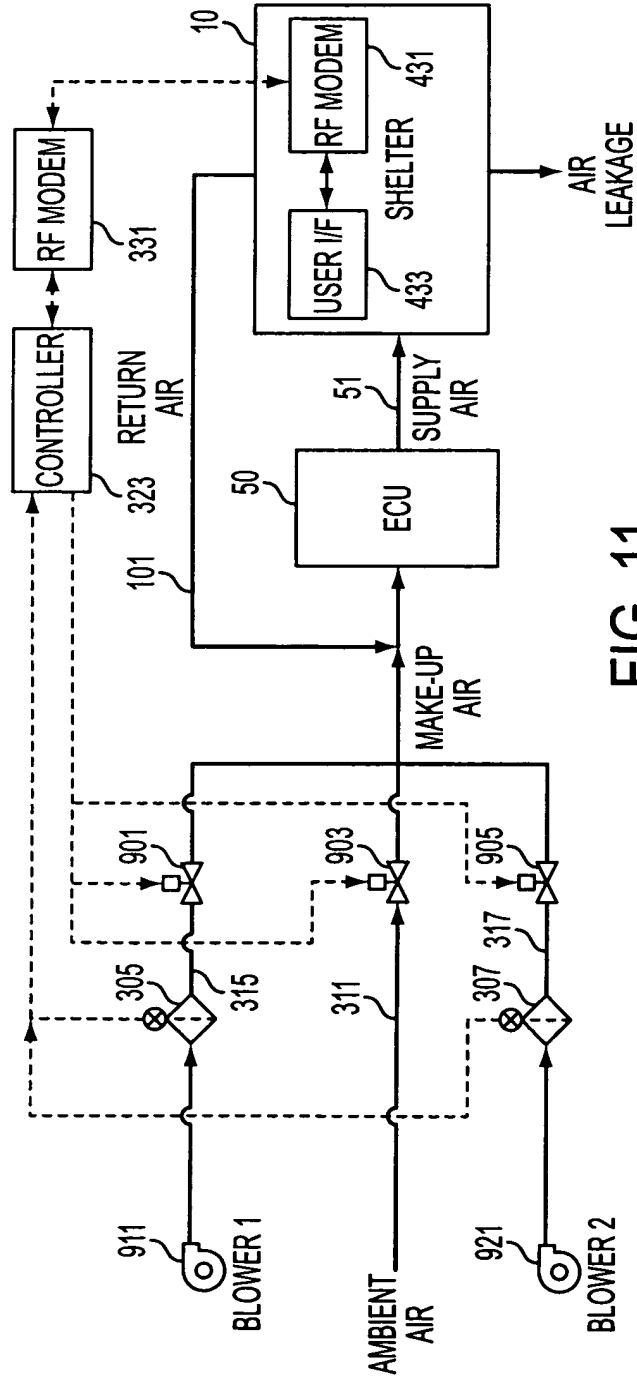


FIG. 11

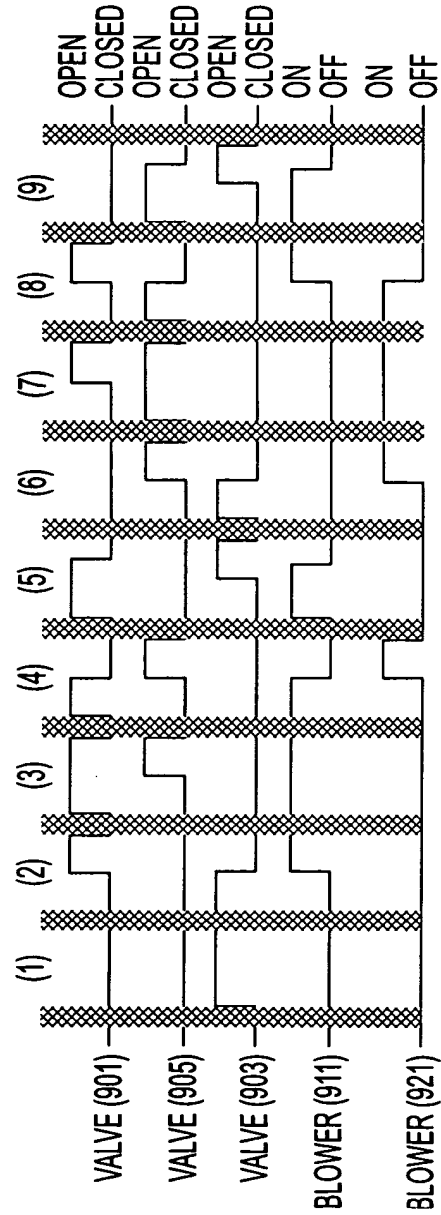


FIG. 12

OPERATIONAL MODE LEGEND	
(1)	NO CONTAMINATION, BYPASS FILTERS (305) AND (307)
(2)	CONTAMINATION, USE FILTER (305)
(3)	CONT, USING FLTR (305), PURGE LINE (317)
(4)	CONT, USING FLTR (305), SWITCH FILTER
(5)	END CONT, USING FLTR (305), PURGE LINE (311)
(6)	CONTAMINATION, USE FILTER (307)
(7)	CONT, USING FLTR (307), PURGE LINE (315)
(8)	CONT, USING FLTR (307), SWITCH FILTER
(9)	END CONT, USING FLTR (307), PURGE LINE (311)